

# **CSP584 Project**

## **KNN HealthCare**

### **Project Team Member**

<b>Team Member Name</b>	<b>CWID</b>	<b>Email Id</b>
Jadhav, Nikita	A20401223	<a href="mailto:njadhav@hawk.iit.edu">njadhav@hawk.iit.edu</a>
Morishetti, Niharika	A20404870	<a href="mailto:nmorishetti@hawk.iit.edu">nmorishetti@hawk.iit.edu</a>
Patel, Khushbu	A20414268	<a href="mailto:kpatel119@hawk.iit.edu">kpatel119@hawk.iit.edu</a>

## 1. Home page

The screenshot shows the homepage of KNN HealthCare. At the top right, there is a phone number (+1 0123456789), a 'Quick Connect' button, and two search bars ('Search here for a doctor...' and 'Search here for a medicine'). The main content area features a group photo of five healthcare professionals (three women and two men) in medical attire. To the left, there are sidebar menus for 'Specialties' (Cardiologist, Dermatologist, Hematologist, Neonatologist, Nephrologist, Neurologist, Physician) and 'Medicine Store' (Allergies, Antibiotics, Anti Viral, Heart Disease, Kidney Disease, Skincare, Medicine Accessory). A 'Trending' section includes a link to 'Trending Doctors'. At the bottom center is a pink 'Book an Appointment' button.

## 2. When available count for any medicine in Medicine Store is “0” then “Out of Stock!!!” label is seen and “Buy Now” button is disabled.

The screenshot shows the 'Medicines' section of the KNN HealthCare website. The top navigation bar includes links for 'My Prescription', 'View Appointment', 'View Order', 'Patient Appointment', 'Patient Account', 'Hello,Khusbu', 'Logout', and 'Cart(0)'. Below this, there are sidebar menus for 'Specialties' and 'Medicine Store', and a 'Trending' section. The main content area displays a grid of medicine products. The first product, 'Osilococcinum', has a red 'Out of Stock!!!' label over its 'Buy Now' button. Other products shown include Swanson Kidney Essentials, Miralax, prosacea, Cephalexin, HeartMiracle, Pure Synergy, and HeartCare. Each product card includes its name, price, discount, quantity available, and three buttons: 'Buy Now', 'WriteReview', and 'ViewReview'.

### 3. Medicine Search box

The screenshot shows a web browser window for 'KNN HealthCare' at localhost:8080/KNNHealthCare/Cart. The main content area displays a shopping cart titled 'Cart(1)' containing one item: 'Swanson' with a price of \$50.00, a discount of \$5.00, and a manufacturer rebate of \$15.00. The total amount to pay is \$30.00. Below the cart summary is a 'Proceed to CheckOut' button. To the right, there is a 'Recommended Products' section featuring a product card for 'KidneyCare' with a price of \$38.00, a discount of \$3.00, and a quantity available of 71. The product image shows a box of KidneyCare tablets. On the left side of the page, there are three sidebar sections: 'Specialties' (listing Cardiologist, Dermatologist, Hematologist, Neonatalogist, Nephrologist, Neurologist, Physician), 'Medicine Store' (listing Allergies, Antibiotics, Anti Viral, Heart Disease, Kidney Disease, Skincare, Medicine Accessory), and 'Trending' (listing Trending Doctors).

### 4. Doctor Search box

This screenshot shows the same KNN Healthcare website interface as above, but with a search for a doctor. In the top right corner, the search bar contains 'Dr K' and 'Dr. Karan Patel'. The recommended products section now displays a product card for 'proactive' with a price of \$66.00, a discount of \$3.00, and a quantity available of 6. The message 'Out of Stock!!!' is prominently displayed. The rest of the page structure remains identical to the first screenshot, including the sidebar categories and the shopping cart summary.

## 5. Cart when user login as a “Patient”.

Here we have “Quantity” field where user can type number of quantities he wants to order for particular Medicine/Accessory. According to quantity entered, total amount payable and discount and rebate is calculated for the order.

The screenshot shows a web browser window for 'KNN Healthcare' at the URL [localhost:8080/KNNHealthCare/Cart](http://localhost:8080/KNNHealthCare/Cart). The page title is 'Cart(4)'. On the left, there are sidebar menus for 'Specialties' (Cardiologist, Dermatologist, Hematologist, Neonatalogist, Nephrologist, Neurologist, Physician), 'Medicine Store' (Allergies, Antibiotics, Anti Viral, Heart Disease, Kidney Disease, Skincare, Medicine Accessory), and 'Trending' (Trending Doctors). The main content area displays a table titled 'Cart(4)' with the following data:

Sr.Number	Medicine/Accessory Name	Medicine/Accessory Price(\$)	Discount(\$)	Manufacturer Rebate(\$)	Quantity	Total Price(\$)	Total Discount (\$)	Total Rebate (\$)	Total Discounted Price(\$)
1.	Swanson	50.0	5.0	15.0	<input type="text" value="1"/>	50.0	5.0	15.0	30.0
2.	KidneyCare	38.0	3.0	6.0	<input type="text" value="5"/>	190	15	30	145
3.	emuaad	25.0	5.0	0.0	<input type="text" value="1"/>	25.0	5.0	0.0	20.0
4.	Syringe	50.0	0.0	15.0	<input type="text" value="8"/>	400	0	120	280

Below the table, there are summary details: Subtotal: \$665, Total Discount: \$ 25, Total Manufacturer Rebate: \$165, and Amount to Pay: \$475. A 'Proceed to CheckOut' button is present. To the right, a 'Recommended Products' section shows a box for 'KidneyCare' with Price: \$38.0, Discount: \$3.0, and Quantity Available: 71.

## 6. Check out Page

The screenshot shows a web browser window for 'KNN Healthcare' at the URL [localhost:8080/KNNHealthCare/CheckOut](http://localhost:8080/KNNHealthCare/CheckOut). The page title is 'Place your order'. On the left, there are sidebar menus for 'Specialties' (Cardiologist, Dermatologist, Hematologist, Neonatalogist, Nephrologist, Neurologist, Physician), 'Medicine Store' (Allergies, Antibiotics, Anti Viral, Heart Disease, Kidney Disease, Skincare, Medicine Accessory), and 'Feedback' (View Doctor Feedback). The main content area displays the 'Order Summary' and 'Payment Information' sections.

**Order Summary**

- Items: \$665.0
- Discount: \$25.0
- Rebate: \$165.0
- Estimated Tax to be collected: \$0.00

**Order Total:** **\$475.0**

**Payment Information**

Credit Card Number \*:  

Cardholder's Name \*:

Expiry(mm/yyyy) \*:  CVV \*:

Shipping Address \*:

**Submit**

## 7. Order Confirmation

The screenshot shows a web browser window for 'KNN HealthCare' at the URL [localhost:8080/KNNHealthCare/Payment](http://localhost:8080/KNNHealthCare/Payment). The page title is 'Order Confirmation'. On the left, there's a sidebar with categories like 'Specialties' (Cardiologist, Dermatologist, Hematologist, Neonatologist, Nephrologist, Neurologist, Physician), 'Medicine Store' (Allergies, Antibiotics, Anti Viral, Heart Disease, Kidney Disease, Skincare, Medicine Accessory), and 'Trending' (Trending Doctors). The main content area has a large blue background with a white checkmark icon. The text says 'Thank you Khushbu, Sit back and relax, your order's is confirmed & on its way!'. Below it, there's a table with 'Order/Confirmation No' (14) and 'Expected Delivery Date' (12/16/2018). A note says 'You can cancel an order at a later time, though it must be 3 business days before the delivery date.' and 'Questions? Call us at +1 (666)-666-6666'. At the bottom, it says 'An email has been sent at your registered email id.'

## 8. Once order is placed, logged in user will get an email for the order confirmation.

The screenshot shows a Gmail inbox with several tabs at the top: 'Course Content', 'Microsoft Word - final\_project', 'X9101690.201910 (Enterprise W...', 'Payment Confirmation from KNN...', 'My Drive - Google Drive'. The main area shows an 'Inbox' with 10,061 messages. One message is selected, titled 'Payment Confirmation from KNNHealthCare'. The email body reads: 'Your payment has been received & your order is confirmed. Your Order/Confirmation No. is 12. The Expected Delivery date is 12/16/2018. Best Regards, KNNHealthCare'. Below it, another message from the same sender is listed: 'niharika.morishetti22@gmail.com' with 'Your Order/Confirmation No. is 13.' At the bottom, there are 'Reply' and 'Forward' buttons.

## 9. Doctors available in the website

The screenshot shows a web browser window for 'KNN HealthCare' at localhost:8080. The main content area is titled 'Doctors' and displays eight doctor profiles in a grid. Each profile includes a small photo, the doctor's name, and their visiting charges. Below each photo are three buttons: 'View Profile', 'WriteReview', and 'ViewReview'. To the left of the main content is a sidebar with several categories:

- Specialties**: Cardiologist, Dermatologist, Hematologist, Neonatalogist, Nephrologist, Neurologist, Physician.
- Medicine Store**: Allergies, Antibiotics, Anti Viral, Heart Disease, Kidney Disease, Skincare, Medicine Accessory.
- Trending**: Trending Doctors.
- Feedback**: View Doctor Feedback.

## 10. View Profile of a doctor

The screenshot shows a web browser window for 'KNN HEALTHCARE' at localhost:8080. The main content area is titled 'Hematologist' and displays the profile of Dr. Priti Desai. The profile includes a large photo of Dr. Desai, her name, qualification (MD), experience (2 - 5 years), languages spoken (English, German), price per visit (\$90), email (pritudesai@knncare.net), contact number (+1 (111)-211-1111), and visiting days and hours (Tuesday, 10:00 am to 11:30 am; Thursday, 1:00 pm to 4:30 pm). To the left of the main content is a sidebar with several categories:

- Specialties**: Cardiologist, Dermatologist, Hematologist, Neonatalogist, Nephrologist, Neurologist, Physician.
- Medicine Store**: Allergies, Antibiotics, Anti Viral, Heart Disease, Kidney Disease, Skincare, Medicine Accessory.
- Trending**: Trending Doctors.

## 11. Trending

The screenshot shows a web browser window for 'KNN HealthCare' at the URL [localhost:8080/KNNHealthCare/Trending](http://localhost:8080/KNNHealthCare/Trending). The page has a sidebar on the left with categories: Specialties, Medicine Store, Trending, and Feedback. The main content area is titled 'Trending' and displays two sections: 'Top 5 Best Doctors' and 'Top 5 specialties where maximum number of patients visited'. Both sections use a table format with columns for 'Doctor Name' or 'Doctor Specialty' and 'Count'.

Doctor Name	Count
Dr. Monica Bhelp	5
Dr. Atharv Rathod	5
Dr. Priti Desai	5
Dr. Malika Patel	4
Dr. Katrina Joyce	4

Doctor Specialty	Count
Neonatologist	4
Cardiologist	4
Dermatologist	2
Hematologist	1
Physician	1

## 12. Write Review for medicine or accessory

The screenshot shows a web browser window for 'KNN HealthCare' at the URL [localhost:8080/KNNHealthCare/WriteReviewMedicine](http://localhost:8080/KNNHealthCare/WriteReviewMedicine). The sidebar on the left includes categories: Specialties, Medicine Store, Trending, and Feedback. The main content area is titled 'Write Medicine/Accessory Reviews' and contains a form for entering review details. The form fields include: Medicine Name (Neosporin), Medicine Category (Antibiotics), Medicine Price (\$), Retailer Name (KNNHealthCare), Manufacturer Name (AntibioticsMan), Review Rating (2), Manufacturer Rebate (No), Retailer Zip Code (60133), Retailer City (Hanover Park), Retailer State (Illinois), Review Date (12/01/2018), User Name (Khushbu), User Age (28), and User Gender (Female). There is also a large text area for a detailed review.

Medicine Name:	Neosporin
Medicine Category:	Antibiotics
Medicine Price (\$):	119.99
Retailer Name:	KNNHealthCare
Manufacturer Name:	AntibioticsMan

Review Rating:	2
Manufacturer Rebate:	No
Retailer Zip Code:	60133
Retailer City:	Hanover Park
Retailer State:	Illinois
Review Date:	12/01/2018
User Name:	Khushbu
User Age:	28
User Gender:	Female

Detailed Review:

(This field is currently empty in the screenshot.)

### 13. View Reviews for medicines or accessory

The screenshot shows a web browser window titled "KNN HealthCare" with the URL "localhost:8080/KNNHealthCare/ViewReviewMedicine". The main content area is titled "Medicine/Accessor Reviews". On the left, there is a sidebar with several categories: "Specialties" (Cardiologist, Dermatologist, Hematologist, Neonatalogist, Nephrologist, Neurologist, Physician), "Medicine Store" (Allergies, Antibiotics, Anti Viral, Heart Disease, Kidney Disease, Skincare, Medicine Accessory), "Trending" (Trending Doctors), and "Feedback" (View Doctor Feedback). The main content area displays two review entries:

Review Number: 1	
Medicine/Accessory Name:	EarAcheTab
User Name:	Khushbu
Price (\$):	50
Retailer City:	Hanover Park
Review Rating:	3
Review Date (YYYY-MM-DD):	2018-11-29
Review Text:	Medicine is effective.....)

Review Number: 2	
Medicine/Accessory Name:	EarAcheTab
User Name:	Niharika
Price (\$):	50
Retailer City:	Boston
Review Rating:	4
Review Date (YYYY-MM-DD):	2018-11-30

### 14. Write Review for Doctor

The screenshot shows a web browser window titled "KNN HealthCare" with the URL "localhost:8080/KNNHealthCare/WriteReviewDoctor". The main content area is titled "Write Doctor Reviews". On the left, there is a sidebar with several categories: "Specialties" (Cardiologist, Dermatologist, Hematologist, Neonatalogist, Nephrologist, Neurologist, Physician), "Medicine Store" (Allergies, Antibiotics, Anti Viral, Heart Disease, Kidney Disease, Skincare, Medicine Accessory), and "Trending" (Trending Doctors). The main content area contains a form for writing a review:

Doctor Name:	Dr. Sam John
Doctor Speciality:	Cardiologist
Review Rating:	1
Review Date:	mm / dd / yyyy
User Name:	<input type="text"/>
User Age:	<input type="text"/>
User Gender:	Female
Review Text:	<input type="text"/>

At the bottom right of the form is a "Submit Review" button.

## 15. View Review for doctor

The screenshot shows a web browser window titled "Doctor Reviews" from the "KNN HealthCare" website. The URL is "localhost:8080/KNNHealthCare/ViewReviewDoctor". The page displays two reviews for "Dr. Sam John".

Review Number: 1	
Doctor Name:	Dr. Sam John
Patient name:	Khushbu
Review Rating:	2
Review Date:	2018-11-30
Review Text:	Nice doctor.!

Review Number: 2	
Doctor Name:	Dr. Sam John
Patient name:	Nikita Jadhav
Review Rating:	3
Review Date:	2018-11-21
Review Text:	Dr. Sam John is a nice doctor and his treatment is decent enough...

At the bottom of the page, there is a footer note: "© KNN HealthCare. All rights Reserved."

## 16. My Prescription page

The screenshot shows a web browser window titled "My Prescription" from the "KNN HEALTHCARE" website. The URL is "localhost:8080/KNNHealthCare/MyPrescription". The page displays a table of prescriptions.

Sr. No	Patient Name	Doctor Name	Nature Of Illness	Medicine Prescription	Additional Notes	Prescription Date (YYYY-MM-DD)
1.	Khushbu	Dr. Sam John	Minor Heart problem	1. D-Herbs - 1 in noon and 1 in evening after dinner. 2. Gundry MD - 1 after breakfast in the morning.	Please avoid oily food and outside food as well as junk food and drink plenty of water. Also take medicine on time.	2018-11-23
2.	Khushbu	Dr. Bob Smith	Minor Heart problem	1. XYZ - 1 in the morning	Avoid outside food. !	2018-12-01

At the top of the page, there is a navigation bar with links: Home, Specialties, Medicine Store, Trending, About Us, My Prescription, View Appointment, View Order, Patient Appointment, Patient Account, Hello.Khushbu, Logout, and Cart(0). There are also search bars for doctors and medicines, and a quick connect button.

## 17. Patient Appointment page

The screenshot shows the 'Patient Appointment' section of the KNN HealthCare website. On the left, there's a sidebar with links for 'Specialties' (Cardiologist, Dermatologist, Hematologist, Neonatalogist, Nephrologist, Neurologist, Physician), 'Medicine Store' (Allergies, Antibiotics, Anti Viral, Heart Disease, Kidney Disease, Skincare, Medicine Accessory), 'Trending' (Trending Doctors), and 'Feedback' (View Doctor Feedback). The main content area has a blue header 'Patient Appointment'. Below it is a table showing 11 upcoming appointments for patient 'Khushbu'.

Select	Appointment Id	Patient Name	Doctor Name	Visiting Date (YYYY-MM-DD)	Visiting Day & Time	Appointment Made Date (YYYY-MM-DD)	Appointment Status	Cancel Appointment
<input type="radio"/>	3.	Khushbu	Dr. Karan Patel	2018-11-21	Tuesday, 1:45 pm to 4:00 pm	2018-11-12	Visited	<button>Cancel Appointment</button>
<input type="radio"/>	2.	Khushbu	Dr. Sam John	2018-11-23	Friday, 10:30 am to 2:30 pm	2018-11-15	Visited	<button>Cancel Appointment</button>
<input type="radio"/>	10.	Khushbu	Dr. Saras Chandra	2019-01-04	Friday, 1:00 pm to 3:30 pm	2018-12-1	Upcoming	<button>Cancel Appointment</button>
<input type="radio"/>	1.	Khushbu	Dr. Monica Bhat	2018-11-21	Wednesday, 10:00 am to 1:30 pm	2018-11-2	Visited	<button>Cancel Appointment</button>
<input type="radio"/>	6.	Khushbu	Dr. Erica Potter	2018-12-27	Friday, 2:00 pm to 4:30 pm	2018-12-1	Upcoming	<button>Cancel Appointment</button>
<input type="radio"/>	5.	Khushbu	Dr. Jennifer Fernandes	2018-12-14	Friday, 3:00 pm to 5:30 pm	2018-11-26	Upcoming	<button>Cancel Appointment</button>
<input type="radio"/>	4.	Khushbu	Dr. Nisha Rai	2018-11-13	Tuesday, 3:00 pm to 5:00 pm	2018-11-1	Visited	<button>Cancel Appointment</button>
<input type="radio"/>	9.	Khushbu	Dr. Malika Patel	2018-12-25	Tuesday, 9:00 am to 11:00 am	2018-12-1	Upcoming	<button>Cancel Appointment</button>
<input type="radio"/>	11.	Khushbu	Dr. Jennifer Fernandes	2018-12-04	Tuesday, 3:00 pm to 4:30 pm	2018-12-1	Upcoming	<button>Cancel Appointment</button>

## 18. Patient Account page

The screenshot shows the 'Patient Account' section of the KNN HealthCare website. On the left, there's a sidebar with links for 'Specialties' (Cardiologist, Dermatologist, Hematologist, Neonatalogist, Nephrologist, Neurologist, Physician), 'Medicine Store' (Allergies, Antibiotics, Anti Viral, Heart Disease, Kidney Disease, Skincare, Medicine Accessory), 'Trending' (Trending Doctors), and 'Feedback' (View Doctor Feedback). The main content area has a blue header 'Patient Account'. Below it is a table showing 12 delivered orders for patient 'Khushbu'.

Select	Order Id	User Name	Product Ordered	Product Price (\$)	Order Date	Delivery Date	Order Status	Cancel Order
<input type="radio"/>	1.	Khushbu	proactive	200.0	11/5/2018	11/20/2018	Delivered	<button>Cancel Order</button>
<input type="radio"/>	2.	Khushbu	HeartMiracle	36.0	11/10/2018	11/24/2018	Delivered	<button>Cancel Order</button>
<input type="radio"/>	2.	Khushbu	NewChapter	90.0	11/10/2018	11/24/2018	Delivered	<button>Cancel Order</button>
<input type="radio"/>	3.	Khushbu	Nerd	105.0	11/10/2018	11/24/2018	Delivered	<button>Cancel Order</button>
<input type="radio"/>	3.	Khushbu	proactiveMD	20.0	11/10/2018	11/24/2018	Delivered	<button>Cancel Order</button>
<input type="radio"/>	4.	Khushbu	Gundry MD	200.0	11/10/2018	11/24/2018	Delivered	<button>Cancel Order</button>
<input type="radio"/>	4.	Khushbu	Pure Synergy	164.0	11/10/2018	11/24/2018	Delivered	<button>Cancel Order</button>
<input type="radio"/>	5.	Khushbu	ermaid	40.0	11/5/2018	11/20/2018	Delivered	<button>Cancel Order</button>
<input type="radio"/>	5.	Khushbu	Nerd	105.0	11/5/2018	11/20/2018	Delivered	<button>Cancel Order</button>
<input type="radio"/>	5.	Khushbu	Pipette	120.0	11/5/2018	11/20/2018	Delivered	<button>Cancel Order</button>
<input type="radio"/>	5.	Khushbu	prosacea	60.0	11/5/2018	11/20/2018	Delivered	<button>Cancel Order</button>
<input type="radio"/>	6.	Khushbu	Gloves	270.0	11/5/2018	11/20/2018	Delivered	<button>Cancel Order</button>
<input type="radio"/>	6.	Khushbu	Hot Water Bag	675.0	11/5/2018	11/20/2018	Delivered	<button>Cancel Order</button>
<input type="radio"/>	6.	Khushbu	Oscilloccinum	105.0	11/5/2018	11/20/2018	Delivered	<button>Cancel Order</button>
<input type="radio"/>	7.	Khushbu	Syringe	315.0	11/10/2018	11/24/2018	Delivered	<button>Cancel Order</button>
<input type="radio"/>	8.	Khushbu	Cephalexin	124.00000000000001	11/15/2018	11/30/2018	Delivered	<button>Cancel Order</button>

## 19. Booking an appointment

The screenshot shows the KNN HealthCare website homepage. At the top right, there is a navigation bar with icons for back, forward, search, and other controls. Below the navigation bar is a banner featuring four medical professionals (three doctors and one nurse) standing together. To the left of the banner is a sidebar with several categories: Hematologist, Neonatalogist, Nephrologist, Neurologist, Physician, Medicine Store, Allergies, Antibiotics, Anti Viral, Heart Disease, Kidney Disease, Skincare, and Medicine Accessory. Below the sidebar is a pink header bar with the text "Book an Appointment". Underneath this bar are dropdown menus for "Hematologist" (selected), "Dr. Elizabeth Joseph", "Monday, 2:30 pm to 5:00 pm", and a date picker set to "12/17/2018". A note below the date picker says "Note: Please select future date for selected day." A large blue "BOOK NOW" button is centered at the bottom of this section. Below this is another pink header bar with the text "Deals on Medicines".

The screenshot shows the KNN HealthCare BookAppointment page. At the top right, there is a navigation bar with icons for back, forward, search, and other controls. Below the navigation bar is a header with the KNN HealthCare logo and a phone number "+1 0123456789". There are also links for "Quick Connect", "search here for a doctor", and "search here for a medicine". The main content area has a blue header bar with the text "Appointment Confirmation". In the center is a large icon of a calendar with a checkmark. Below the icon, the text "Thank you Khushbu," and "Your appointment is confirmed...!" is displayed. At the bottom of the confirmation box, there is a table with three columns: "Appointment Id" (12), "Doctor Name" (Dr. Elizabeth Joseph), and "Appointment Date & Time" (Monday, 2:30 pm to 5:00 pm). Below the table, a message says "An email has been sent at your registered email id." To the left of the confirmation box is a sidebar with categories: Specialties (Cardiologist, Dermatologist, Hematologist, Neonatalogist, Nephrologist, Neurologist, Physician), Medicine Store (Allergies, Antibiotics, Anti Viral, Heart Disease, Kidney Disease, Skincare, Medicine Accessory), and Trending (Trending Doctors). At the very bottom of the sidebar, there is a link for "Trending Doctors".

20. An email will be sent to the logged in user when appointment is confirmed.

The screenshot shows a Gmail inbox with three messages from 'niharika.morishetti22@gmail.com'. The first message is titled 'Appointment Confirmation from KNNHealthCare' and was received at 16:42 (6 hours ago). It contains the text: 'Your appointment with Dr. Saras Chandra is confirmed. Your Appointment ID is 10. The Appointment Date and Time is Friday, 1:00 pm to 3:30 pm. Best Regards, KNNHe'. The second message was received at 17:42 (5 hours ago) and contains: 'Your appointment with Dr. Bob Smith is confirmed. The Appointment Date and Time is Wednesday, 1:30 pm to 4:30 pm. Best Regards, KNNHealthCare'. The third message was received at 23:07 (0 minutes ago) and contains: 'Your appointment with Dr. Elizabeth Joseph is confirmed. Your Appointment ID is 12. The Appointment Date and Time is Monday, 2:30 pm to 5:00 pm. Best Regards, KNNHealthCare'. The inbox also shows a 'Compose' button and a search bar.

21. When user login as a “Doctor”  
Write Prescription page:

The screenshot shows a web-based application for 'KNN HealthCare' with a URL of 'localhost:8080/KNNHealthCare/WritePrescription'. The top navigation bar includes links for Home, Specialties, Medicine Store, Write Prescription, My Profile, Manage Profile, View Appointments, and About Us. A dropdown menu shows 'Hello, Dr. Bob Smith' and 'Logout'. On the left, there are three vertical tabs: 'Specialties' (listing Cardiologist, Dermatologist, Hematologist, Neonatalogist, Nephrologist, Neurologist, Physician), 'Medicine Store' (listing Allergies, Antibiotics, Anti Viral, Heart Disease, Kidney Disease, Skincare, Medicine Accessory), and 'Feedback' (listing Trending Doctors). The main content area is titled 'Write Prescription'. It contains fields for 'Patient Name' (with a red asterisk), 'Nature of illness' (with a red asterisk), and a large 'Medicine Prescription' text area. Below these are sections for 'Additional Notes' and 'Prescription Date' (with a date input field). At the bottom is a blue 'Submit' button.

## Manage Profile page:

The screenshot shows a web browser window for 'KNN HealthCare' at localhost:8080/KNNHealthCare/UpdateDoctorProfile. The main content area displays a profile for 'Cardiologist'. The profile includes:

- Name:** Dr. Bob Smith
- Description:** Dr. Bob Smith is a cardiac surgeon in Chicago, Illinois and is affiliated with multiple hospitals in the area, including KNNHealthCare hospital. He is one of the top cardiac surgeon in the Illinois state.
- Qualification:** MD
- Experience (in years):** 5 - 7
- Languages spoken:** English, French
- Price per Visit (\$):** 120.0
- Email Id:** bobsmith@knnhealthcare.net
- Contact Number:** [redacted]

A photograph of a male surgeon in green scrubs is displayed on the right side of the profile.

## My Profile page:

The screenshot shows a web browser window for 'KNN HealthCare' at localhost:8080/KNNHealthCare/DoctorProfile. The main content area displays a profile for 'Cardiologist'. The profile includes:

- Name:** Dr. Bob Smith
- Description:** Dr. Bob Smith is a cardiac surgeon in Chicago, Illinois and is affiliated with multiple hospitals in the area, including KNNHealthCare hospital. He is one of the top cardiac surgeon in the Illinois state.
- Qualification:** MD
- Experience:** 5 - 7 years
- Languages spoken:** English, French
- Price per Visit:** \$120
- Email Id:** bobsmith@knnhealthcare.net
- Contact Number:** +1 (111)-111-1101  
+1 (111)-111-1102
- Visiting days and hours:** Wednesday, 1:30 pm to 4:30 pm  
Tuesday, 1:30 pm to 4:30 pm

A photograph of a male surgeon in green scrubs is displayed on the right side of the profile.

## View Upcoming Appointment page:

The screenshot shows a web browser window for 'KNN HealthCare' at the URL [localhost:8080/KNNHealthCare/UpcomingAppointment](http://localhost:8080/KNNHealthCare/UpcomingAppointment). The page has a pink header bar with the KNN logo, a search bar, and user info ('Hello, Dr. Malika Patel' and 'Logout'). A sidebar on the left lists 'Specialties' (Cardiologist, Dermatologist, Hematologist, Neonatalogist, Nephrologist, Neurologist, Physician) and 'Medicine Store' items (Allergies, Antibiotics, Anti Viral, Heart Disease, Kidney Disease, Skincare, Medicine Accessory). The main content area is titled 'Upcoming Appointment' and contains a table with one row:

Appointment Id	Patient Name	Visiting Day & Time	Visiting Date (YYYY-MM-DD)	Appointment Status
9	Khushbu	Tuesday, 9:00 am to 11:00 am	2018-12-25	Upcoming

## Visited Patient Information page:

The screenshot shows a web browser window for 'KNN HealthCare' at the URL [localhost:8080/KNNHealthCare/VisitedAppointment](http://localhost:8080/KNNHealthCare/VisitedAppointment). The layout is identical to the 'Upcoming Appointment' page, with the same header, sidebar, and table. The table in the main content area shows one visit record:

Appointment Id	Patient Name	Visited Day & Time	Visited Date (YYYY-MM-DD)	Appointment Status
2	Khushbu	Friday, 10:30 am to 2:30 pm	2018-11-23	Visited

## 22. When user login as “Medicine Manager”

### Add Medicine page:

The screenshot shows the 'Add Medicine' page of the KNN HealthCare application. The page has a blue header bar with the title 'Add Medicine'. On the left, there is a sidebar with several menu items under 'Medicine Store': Allergies, Antibiotics, Anti Viral, Heart Disease, Kidney Disease, Skincare, and Medicine Accessory. Below these are 'Sales Report' (Medicines Sold & Total Sales, Total Daily Transaction), 'Inventory Report' (Available Medicine Count, Available Medicine Bar Chart, Available Medicines on Sale, Medicines having Rebate), and 'Add Medicine' (highlighted in pink). The main form area contains fields for Medicine Category (dropdown: Allergies), Medicine Id (text input), Medicine Name (text input), Accessory Product (text input), Medicine Price (text input with placeholder 'please enter numeric data'), Medicine Image Name (text input), Medicine Manufacturer (text input), Manufacturer Date (text input with placeholder 'mm/dd/yyyy'), Best Before Date (text input with placeholder 'mm/dd/yyyy'), Medicine Description (text input), Medicine Discount (text input with placeholder 'please enter numeric data'), Medicine Quantity (text input with placeholder 'please enter numeric data'), and Manufacturer Rebate (text input with placeholder 'please enter numeric data'). A blue 'Add Medicine Details' button is at the bottom.

### Update Medicine page:

The screenshot shows the 'Update Medicine' page of the KNN HealthCare application. The layout is identical to the 'Add Medicine' page, with a blue header bar and a sidebar on the left. The 'Add Medicine' item in the sidebar is highlighted in pink. The main form area contains fields for Medicine Category (dropdown: Allergies), Medicine Id (text input), Medicine Name (text input), Medicine Price (text input with placeholder 'please enter numeric data'), Medicine Image Name (text input), Medicine Manufacturer (text input), Manufacturer Date (text input with placeholder 'mm/dd/yyyy'), Best Before Date (text input with placeholder 'mm/dd/yyyy'), Medicine Description (text input), Medicine Discount (text input with placeholder 'please enter numeric data'), Medicine Quantity (text input with placeholder 'please enter numeric data'), Sold Medicine Quantity (text input with placeholder 'please enter numeric data'), Available Medicine Quantity (text input with placeholder 'please enter numeric data'), and Manufacturer Rebate (text input with placeholder 'please enter numeric data'). A blue 'Update Medicine Details' button is at the bottom.

## Delete Medicine Page:

KNN HealthCare

localhost:8080/KNNHealthCare/DeleteMedicineList

Home Add Medicine Update Medicine Delete Medicine Inventory Report Sales Report About Us Hello,Admin Logout

Manage Inventory

Add Medicine Update Medicine Delete Medicine

Medicine Store

Allergies Antibiotics Anti Viral Heart Disease Kidney Disease Skincare Medicine Accessory

Sales Report

Medicines Sold & Total Sales Total Daily Transaction

Inventory Report

Available Medicine Count Available Medicine Bar Chart

Delete Medicine

Medicine Id: Drew

Delete Medicine

## Current medicine/accessory count available in the store:

KNN HealthCare

localhost:8080/KNNHealthCare/AvailableMedicineCount

Manage Inventory

Add Medicine Update Medicine Delete Medicine

Medicine Store

Allergies Antibiotics Anti Viral Heart Disease Kidney Disease Skincare Medicine Accessory

Sales Report

Medicines Sold & Total Sales Total Daily Transaction

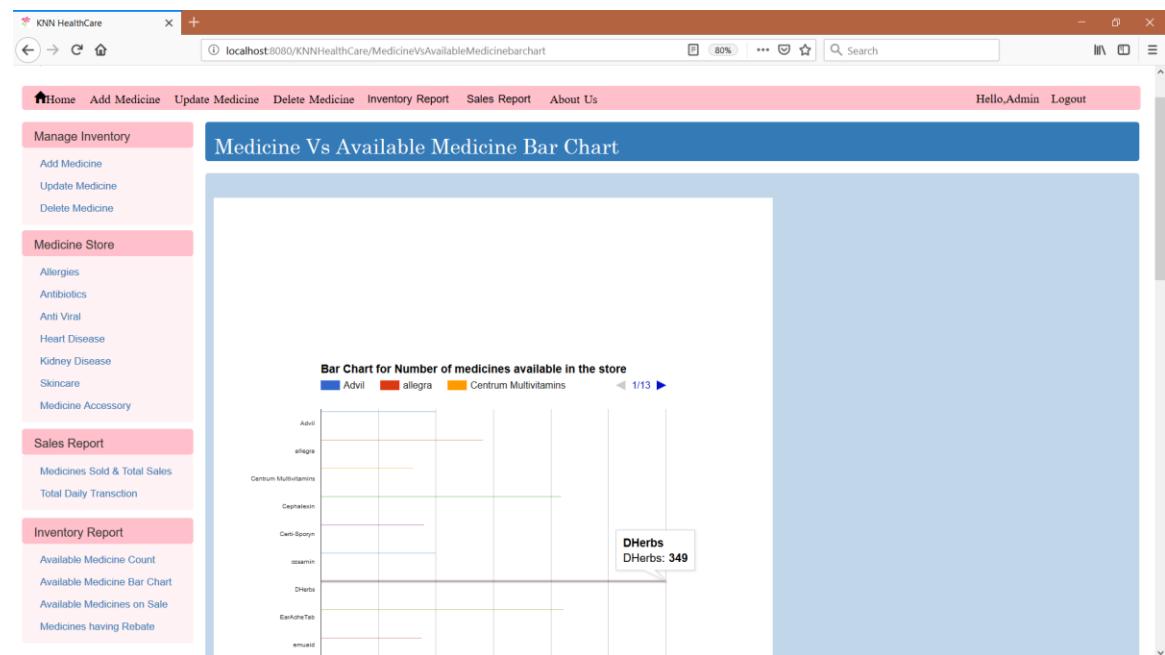
Inventory Report

Available Medicine Count Available Medicine Bar Chart Available Medicines on Sale Medicines having Rebate

Current Medicine/Accessory Count Available in the Store

Sr.No	Medicine Name	Medicine Price(\$)	Number of Available Medicines
1.	Advil	25.0	100
2.	allegra	85.0	141
3.	Centrum Multivitamins	125.0	80
4.	Cephalexin	158.99	209
5.	Certi-Sporyn	180.0	90
6.	cosamin	100.0	100
7.	DHerbs	20.0	349
8.	EarAcheTab	50.0	211
9.	ermuaid	25.0	88
10.	EmunaidMAX	150.0	120
11.	Equate	86.0	180
12.	Flinase	50.0	145
13.	Gloves	45.0	51
14.	Gundry MD	40.0	292
15.	HealthPlus	26.0	141
16.	HeartCare	30.0	100
17.	HeartMiracle	50.0	99
18.	Hot Water Bag	100.0	51
19.	KidneyCare	38.0	66
20.	Ioperamide HCl	70.0	169

## Medicine Vs Available medicine bar chart:



## Available medicine on sale:

Sr.No	Medicine Name	Medicine Price(\$)	Discount(\$)
1.	Advil	25.0	5.0
2.	allegra	85.0	5.0
3.	Centrum Multivitamins	125.0	5.0
4.	Cephalexin	159.99	29.99
5.	Certi-Sporyn	180.0	25.0
6.	cosamin	100.0	5.0
7.	DHerbs	20.0	5.0
8.	ermuid	25.0	5.0
9.	EmunaidMAX	150.0	6.0
10.	Flonase	50.0	11.0
11.	Gloves	45.0	10.0
12.	Gurdy MD	40.0	15.0
13.	HeartCare	30.0	5.0
14.	HeartMiracle	50.0	10.0
15.	Hot Water Bag	100.0	20.0
16.	KidneyCare	38.0	3.0
17.	Miralax	25.0	5.0
18.	mucinex	16.0	7.0
19.	Neosporin	119.99	18.99
20.	Nerd	150.0	30.0
21.	NewChapter	54.99	9.99

## Medicine having manufacturer rebate:

KNN HealthCare

localhost:8080/KNNHealthCare/MedicineHavingManufacturerRebate

80% Search

Medicines having Manufacturer Rebate

Sr.No	Medicine Name	Medicine Price(\$)	Manufacturer Rebate(\$)
1.	Advil	25.0	5.0
2.	allegra	85.0	5.0
3.	Centrum Multivitamins	125.0	5.0
4.	Cephalexin	159.99	6.0
5.	Certi-Sporyn	180.0	4.0
6.	cosamin	100.0	5.0
7.	DHerbs	20.0	2.0
8.	EarAcheTab	50.0	15.0
9.	EmunaidMAX	150.0	4.0
10.	Equate	88.0	10.0
11.	Flonase	50.0	2.0
12.	Gloves	45.0	5.0
13.	HealthPlus	28.0	6.0
14.	HeartCare	30.0	5.0
15.	HeartMiracle	50.0	4.0
16.	Hot Water Bag	100.0	5.0
17.	KidneyCare	38.0	6.0
18.	loperamide HCl	70.0	5.0
19.	Nature's Bounty Garlic	25.0	5.0
20.	Nerd	150.0	15.0
21.	Oscillococcinum	150.0	25.0
22.	Pipette	150.0	8.0

## Product sold and total sales information:

KNN HealthCare

localhost:8080/KNNHealthCare/MedicineSoldTotalSales

80% Search

Product Sold & Total Sales Information

Sr.No	Order Name	Order Price(\$)	Number of Quantity Sold
1.	allegra	675.0	9
2.	Cephalexin	124.00000000000001	1
3.	DHerbs	13.0	1
4.	EarAcheTab	315.0	9
5.	emuaid	140.0	7
6.	Gloves	270.0	9
7.	Gundry MD	200.0	8
8.	HealthPlus	180.0	9
9.	HeartMiracle	36.0	1
10.	Hot Water Bag	675.0	9
11.	KidneyCare	406.0	14
12.	loperamide HCl	65.0	1
13.	Miralax	60.0	3
14.	Neosporin	908.9999999999999	9
15.	Nerd	315.0	3
16.	NewChapter	90.0	2
17.	Oscillococcinum	105.0	1
18.	Pipette	120.0	1
19.	proactive	200.0	4
20.	proactiveMD	40.0	2
21.	prosecea	80.0	4
22.	Protection Mask	120.0	1

## Total daily sales transaction page:

The screenshot shows a web browser window titled "Total Daily Sales Transactions". The URL is "localhost:8080/KNNHealthCare/TotalDailyTransaction". The page has a sidebar on the left with pinkish-red buttons for "Manage Inventory" (Add Medicine, Update Medicine, Delete Medicine), "Medicine Store" (Allergies, Antibiotics, Anti Viral, Heart Disease, Kidney Disease, Skincare, Medicine Accessory), "Sales Report" (Medicines Sold & Total Sales, Total Daily Transaction), and "Inventory Report" (Available Medicine Count, Available Medicine Bar Chart, Available Medicines on Sale, Medicines having Rebate). The main content area displays a table titled "Total Daily Sales Transactions" with columns "Sr.No", "Date (MM/DD/YYYY)", and "Total Sales(\$)". The data shows 7 rows of sales records from November 10 to December 1, 2018.

Sr.No	Date (MM/DD/YYYY)	Total Sales(\$)
1.	11/10/2018	930.0
2.	11/13/2018	1687.0
3.	11/14/2018	1665.0
4.	11/15/2018	189.0
5.	11/30/2018	205.0
6.	11/5/2018	1575.0
7.	12/1/2018	1834.0

© KNN HealthCare. All rights Reserved.

## 23. Product Recommendation

The screenshot shows a web browser window titled "Cart". The URL is "localhost:8080/KNNHealthCare/Cart". The page has a sidebar on the left with pinkish-red buttons for "Medicine Store" (Allergies, Antibiotics, Anti Viral, Heart Disease, Kidney Disease, Skincare, Medicine Accessory), "Trending" (Trending Doctors), and "Feedback" (View Doctor Feedback). The main content area shows a shopping cart summary: Subtotal: \$665, Total Discount: \$ 25, Total Manufacturer Rebate: \$ 165, and Amount to Pay: \$475. Below this is a "Proceed to CheckOut" button. To the right, there is a section titled "Recommended Products" featuring a product card for "Gloves". The card shows an image of two hands wearing gloves, the price (\$44.0), discount (\$10.0), quantity available (51), and three buttons: "Buy Now", "WriteReview", and "ViewReview". There are also left and right arrows to navigate through more recommended products.

Subtotal: \$665  
Total Discount: \$ 25  
Total Manufacturer Rebate: \$ 165  
Amount to Pay: \$475

Proceed to CheckOut

Recommended Products

Gloves  
Price: \$44.0  
Discount: \$10.0  
Quantity Available: 51

Buy Now  
WriteReview  
ViewReview

© KNN HealthCare. All rights Reserved.

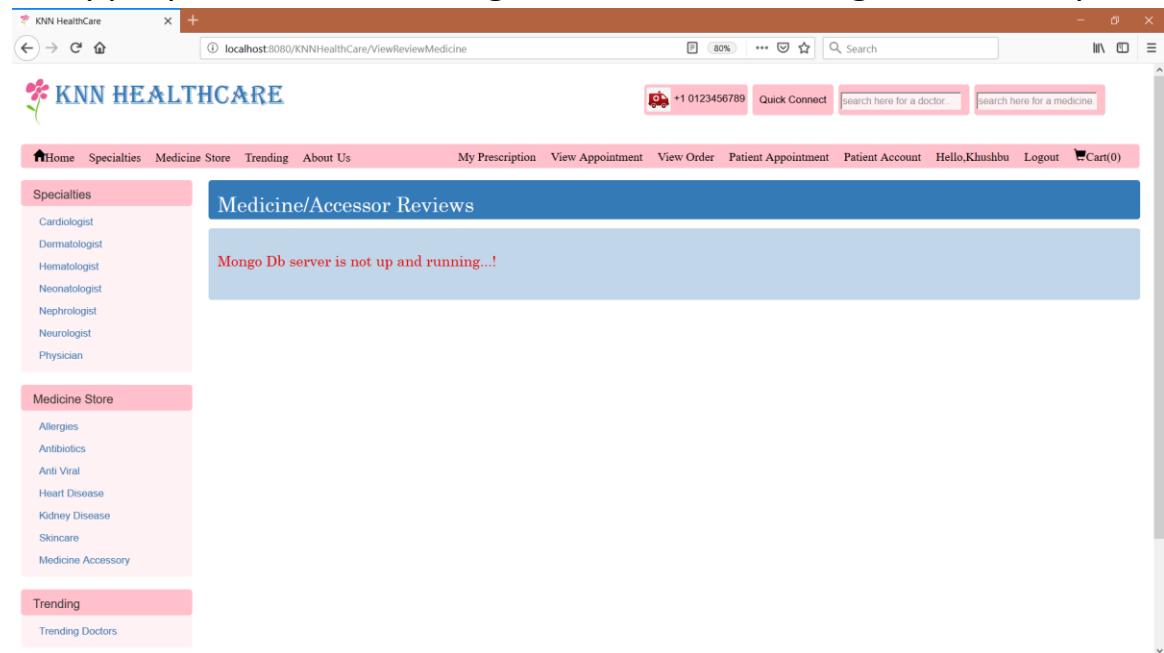
## 24. Deal on medicines

The screenshot shows a web browser window with the URL [localhost:8080/KNNHealthCare/Home](http://localhost:8080/KNNHealthCare/Home). The page has a pink header bar with the text "Deals on Medicines". Below it, a message says "The world trusts us to deliver SPEEDY service for medicines". A bold red text "We beat our competitors in all aspects. Price-Match Guaranteed!" is displayed. Two promotional messages are shown: "New #coupon for WalgreensDealsS: (9/9 - 9/15) Miralax \$19.99 <http://t.co/MhkxhD29>" and "New #coupon for WalgreensDealsS: (9/9 - 9/15) Allergy Relief on Claritin, Allegra, and Zyrtec as ... <http://t.co/7VxBH88k>". The main content area is titled "Deals Matches" and shows two product cards: "Zyrtec" and "Miralax". Each card includes a small image of the product, its price (\$90.00 or \$25.00), discount (\$5.00 or \$5.00), and quantity available (1 or 107). Below each card are three buttons: "Buy Now", "WriteReview", and "ViewReview".

## 25. Deal Matches

The screenshot shows a web browser window with the URL [localhost:8080/KNNHealthCare/Home](http://localhost:8080/KNNHealthCare/Home). The page has a pink header bar with the text "Deals Matches". A bold red text "We beat our competitors in all aspects. Price-Match Guaranteed!" is displayed. Two promotional messages are shown: "New #coupon for WalgreensDealsS: (9/9 - 9/15) Miralax \$19.99 <http://t.co/MhkxhD29>" and "New #coupon for WalgreensDealsS: (9/9 - 9/15) Allergy Relief on Claritin, Allegra, and Zyrtec as ... <http://t.co/7VxBH88k>". The main content area is titled "Deals Matches" and shows two product cards: "Zyrtec" and "Miralax". Each card includes a small image of the product, its price (\$90.00 or \$25.00), discount (\$5.00 or \$5.00), and quantity available (1 or 107). Below each card are three buttons: "Buy Now", "WriteReview", and "ViewReview".

26. Appropriate error message is seen when mongodb is not up.



27. Appropriate error message is seen when MySql is not up.

